

**ABSTRACT OF THE DISCLOSURE**

5 A method of performing a modified RLP that reduces the transmission  
delay in a communications system by detecting frame erasures when they  
occur. The modified RLP method requests retransmission of erased frames  
based on pattern violations instead of sequence number violations. The  
method is preconditioned to expect a particular repeating pattern of frame  
delivery. For a system running a VSELP vocoder, the method in a receiving  
10 device expects to receive full rate or data (F) and DTX (D) frames in a  
repeating pattern FFDFDFFD. For a system running an AMBE vocoder, the  
method in a receiving device expects to receive frames in a repeating pattern  
DFDFDFFD. The method detects when the pattern is violated and in  
desired instances immediately requests retransmission of the expected  
15 frame.